

(b) External assistance to Irrigation Projects in the above States is expected to continue during the 8th Five-year Plane.

Irrigation Projects and Dams in Bihar

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Will the Minister of WATER RESOURCES be pleased to state:

(a) the details of irrigation projects and dams in Bihar pending with the Union Government;

(b) the details of the on-going irrigation projects and dams in the State;

(c) whether some of them are running behind schedule;

(d) if so, the details thereof and the reasons therefor;

(e) the extent of cost escalation as a result of the delay; and

(f) the time by which those are likely to be completed?

THE MINISTER OF WATER RESOURCES (SHRI VIDYACHARAN SHUKLA): (a) A statement giving details of irrigation projects of Bihar together with their appraisal status is attached as Statement I.

(b) to (f). A statement giving details of appraised ongoing major and medium irrigation projects of Bihar and their plan of completion is attached as Statement II.

STATEMENT - I

Statement referred to in reply to part (a)

(Cost in Rs. lakhs/Benefits in Thousand Hectares)

Sl. No.	Name of Project	Districts benefitted	Estimated cost	Expenditure upto 3/91	Benefit	Date of receipt in Central Water Commission.	Status of Appraisal
1	2	3	4	5	6	7	8
A. MAJOR/MULTIPURPOSE							
I. Considered by the Advisory Committee and accepted subject to observations:-							
1.	Punasi Reservoir.	Santhal Pargana	14094.8	3149.00	24.29	10/89	Updated estimate received in 10/89. State Government is yet to comply with the observations of Advisory Committee.
2.	Subarharkha Project	Singbhum	142900.0	4146.00	245.00	7/89	Bihar Government has to submit forest clearance alongwith reservoir operation table for 75% dependability to establish the success of the scheme.
3.	Siktia	Santhal	11500.0	6119.00	40.48	1/88	Bihar Government has to submit concurrence of Finance Department and environmental clearance.

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1	2	3	4	5	6	7	8
4.	Repair to Kosi Barrage		1125.14	-	2/86		Accepted by Advisory Committee in 6/87 subject to non-diversion of funds from Wester Kosi Main Canal for which a separate provision has to be made.
5.	Sone Canal Modernisation	Aurangabad, Bhojpur, Gaya, Patna, Rohtas.	24700.00	2937.00	906.89	8/83	Phase I accepted by Advisory Committee in 9/84. Planning Commission requested Government of Bihar to update the project cost for fresh examination.
6.	North Koel Reservoir Scheme.	Palamu.	43903.00	89152.00	109.42	3/86	State Government is required to secure forest clearance.
II.	<i>Put up to the Advisory Committee but consideration deferred.</i>						
1.	Konar	Girdih, Hazar	18767.00	6948.00	62.83	8/88	Put up to Advisory Committee in 3/84, but consideration deferred due to non-settlement of inter-State aspects between Bihar, West Bengal and DVC.

Sl. No.	Name of Project	Districts benefited	Estimated cost	Expenditure upto 3/91	Benefite	Date of receipt in Central Water Commission.	Status of Appraisal
1	2	3	4	5	6	7	8
2.	Tilalya Dhadhar	Nawadah	4674.00	962.00	35.46	10/74	Put up to Advisory Committee in 3/83 but consideration deferred due to non-settlement of Inter-State issues between Bihar, West Bengal and DVC regarding land acquisition of Maithon and sharing of cost.
III. <i>Projects under correspondence with the State Government :</i>							
1.	Sukhsen-ghat pump Canal.	Santhal, Pargana	2061.65	-	23.19	11/89	Updated modified project report received in Central Water Commission in 11/89 for appraisal. State Government is to comply with the observations of Central Water Commission relating to irrigation planning, hydrology, Ground Water and financial aspects.
2.	Kosi Project Phase-II	Purnea	7523.50	1723.00	73.00	11/90	State Government is to comply with the observations of Central Water Commission made on this up-dated report.

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1	2	3	4	5	6	7	8
3.	Gendak Project Phase-II	Madhubani, Siwan, Muzaflarpur.	7502.85	4039.00	1/89		Ganga Flood Control Commission has forwarded the comments to State Government in 7/91 for compliance.
4.	Zamania Reservoir	Santhal Pargana.	2620.42	17.52	10/90		Updated modified project report received in Central Water Commission comments on construction machinery and design aspects.
5.	Burhal Reser-	Santhal Pargana	2620.42	17.52	10/90		Updated modified project report received in Central Water Commission in 10/90. State Government is to comply with the observations of Central Water Commission relating to irrigation planning and cost engineering aspects.

B. MEDIUM PROJECTS :**I. Considered and accepted by the Advisory Committee subject to observations :**

1.	Salaiya Reservoir Scheme.	Hazaribagh	920.64	11.23	2.67	8/83	State Government has to arrange for concurrence of State Finance Department and forest clearance.
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Sl. No.	Name of Project	Districts benefitted	Estimated cost	Expenditure upto 3/91	Benefite	Date of receipt in Central Water Commission.	Status of Appraisal
1	2	3	4	5	6	7	8
2.	Ramrekha Reservoir Scheme.	Ranchi	1555.00	266.00	4.34	8/88	State Government has to arrange for concurrence of State Finance Department and forest clearance.
3.	Dhansinghtoli Reservoir Scheme	Ranchi	1333.00	1085.00	2.45	8/88	State Government has to arrange for concurrence of State Finance Department and Forest Clearance.
4.	Satpotka Reservoir Scheme	Singhbhum	1268.89	15.00	2.35	8/88	State Government has to arrange for concurrence of State Finance Department and Forest clearance.
5.	Katri Reservoir Scheme	Ranchi	318.00	1780.00	5.00	8/88	State Government has to comply with observations on financial and technical aspects.
6.	Kundghat Reservoir Scheme.	Mungar	560.94	-	1.80	11/82	Accepted by Advisory Committee in 8/88 subject to compliance to its observations by the State Government.

Sl. No.	Name of Project	Districts benefitted	Estimated cost	Expenditure upto 3/91	Benefit	Date of receipt in Central Water Commission.	Status of Appraisal
1	2	3	4	5	6	7	8
7.	Kesho Reservoir Scheme.	Hazaribagh	1169.43	517.00	3.56	8/88	Accepted by Advisory Committee in 11/89 subject to compliance to its observations by the State Government.
8.	Bhairwa Reservoir Scheme.	Hazaribagh	2019.66	943.00	4.85	8/88	According by Advisory Committee in 1/89 subject to compliance to its observations by the State Government.
9.	Panchkhero Reservoir Scheme.	Hazaribagh	954.90	690.00	2.22	5/87	Accepted by the Advisory Committee in 10/88 subject to compliance to its observation by the State Government.
III.	<i>Projects under correspondence with the State Government :</i>						
1.	Amanat Reservoir Scheme.	Palamau	5340.00	10.00	3/90		State Government has to comply with the comments on financial and technical aspects.

STATEMENT-II

Sl. No.	Name of Projects	Districts Benefitted	Plan in which started	Original cost	Latest Estimated cost	Expenditure to end of VII Plan	Anticipated expenditure during 1990-91	Utilized Potential	Potential created to end of VII Plan	Anticipated Potential during 1990-91	Plan of Completion
1	2	3	4	5	6	7	8	9	10	11	12
A. ON-GOING											
<i>Major Projects</i>											
1.	Subarnarekha Multi-purpose (B)	Singhbhum	V	357.70	1428.80	464.16	77.31	209.00	0.20	9.00	Beyond VIII Plan
2.	Bagmati Multipurpose (A)	Sitamarhi	V	167.70	814.67	33.85	4.00	181.60	0.00	0.00	-do-
3.	Western Kosi Canal (A)	Madhubal Darbhanga Samastipur.	III	161.00	357.44	169.95	11.00	289.30	60.00	2.00	VIII Plan.
4.	North Koel Res. (B)	Palamau (Aurangabad)	V	113.77	475.00	306.53	25.00	131.00	78.40	0.00	-do-

Sl. No.	Name of Projects	Districts Benefitted	Plan in which started	Original cost	Latest Estimated cost	Expenditure to end of VII Plan	Anticipated expenditure during 1990-91	Utilized Potential	Potential created to end of VII Plan	Anticipated Potential during 1990-91	Plan of Completion
1	2	3	4	5	6	7	8	9	10	11	12
5.	Durgawati Res. (A)	Rohas	V	25.00	147.00	60.08	9.00	36.40	0.00	0.00	VII Plan.
6.	Barnar Res. (A)	Monghyr	V	8.03	102.28	24.28	3.16	22.40	0.00	0.00	Beyond VIII
7.	Konar Diversion (B)	Hazaribagh	V	11.43	225.40	64.48	5.00	62.80	0.00	0.00	-do-
8.	Tilaiya Diversion (B)	Nalanda	V	13.43	121.33	8.67	0.95	48.60	0.00	0.00	-do-
9.	Bateshwarasthan pump Phase-I (A)	Bhagalpur	V	15.88	136.67	15.54	0.84	25.40	0.00	0.00	-do-
10.	Bansagar (Dam Share) (A)	Bhojpur	V	91.30	140.00	49.36	8.50	No	Direct	Benefits	VIII Plan.
11.	Ajoy Barrage at Sikatia (B)	Dumka Deoghar.	V	9.21	133.11	53.20	8.00	40.47	0.00	0.00	-do-
12.	Auranga Res. (A)	Palamau	VII	N.A.	257.00	8.09	2.00	55.40	0.00	0.00	Beyond VIII

Sl. No.	Name of Projects	Districts Benefitted	Plan in which started	Original cost	Latest Estimated cost	Expenditure to end of VII Plan	Anticipated expenditure during 1990-91	Utilized Potential	Potential created to end of VII Plan	Anticipated Potential during 1990-91	Plan of Completion
1	2	3	4	5	6	7	8	9	10	11	12
13.	Punasi Res. (B)	Dumka	VIII	26.14	145.00	27.41	1.50	24.00	0.00	0.00	Beyond VIII
	<i>Medium Projects</i>										
1.	Dakranala Pump	Monghr	Ap 78-80	8.45	79.57	39.61	3.00	17.20	9.00	0.00	VIII Plan.
2.	Orini Res. (A)	Bhagalpur	V	2.96	32.74	23.12	4.50	9.60	5.00	1.00	VIII Plan.
3.	Bateshwarasthan Pump Phase-II (A)	Bhagalpur	V	2.97	24.23	4.72	0.00	6.50	0.00	0.00	-do-
4.	Bilasi Res. (A)	Bhagalpur	AP 78-80	1.46	12.02	5.21	2.50	4.00	0.00	0.00	-do-
5.	Batane (A)	Palamau	V	9.78	34.77	25.08	2.50	8.50	6.00	0.00	-do-
6.	Torai Res. (A)	Dumka	V	2.46	56.18	13.97	0.88	8.00	0.00	0.00	-do-
7.	Gumani Res. (A)	Dumka	V	2.86	58.42	20.18	2.50	16.20	0.00	0.00	-do-
8.	Kansjore Res. (A)	Ranchi	V	1.37	18.40	9.69	1.00	3.30	1.00	0.00	-do-

Sl. No.	Name of Projects	Districts Benefitted	Plan in which started	Original cost	Latest Estimated cost	Expenditure to end of VII Plan	Anticipated expenditure during 1990-91	Utilisation Potential of VII Plan	Anticipated Potential during 1990-91	Plan of Completion	
1	2	3	4	5	6	7	8	9	10	11	12
9.	Jharjhara Res. (A)	Singbhum	V	4.47	24.50	48.50	0.00	4.50	0.00	0.00	VIII Plan.
10.	Sakrigalli Pump (A)	Santhal Parganas	V	0.62	8.14	5.97	1.00	1.90	1.90	0.00	1991-92
11.	Sindwarni Res. (A)	Monghyr	VI	4.45	21.95	5.04	0.04	9.38	0.00	0.00	VIII Plan.
12.	Sonua Res. (A)	Singbhum	VI	8.92	37.46	17.91	4.00	5.34	1.50	2.00	-do-
13.	Suru Res. (A)	Singbhum	VI	3.12	14.66	2.68	0.45	3.97	0.00	0.00	-do-
14.	Latratu Res. (A)	Ranchi	VI	10.09	41.98	33.42	2.12	10.00	8.00	0.00	1991-92
15.	Dakranalla Pump Phase-II (A)	Monghyr	VII	4.76	11.98	5.43	0.00	4.02	0.00	0.00	VIII Plan.
16.	Bhairwa Res. (B)	Hazaribagh	VII	20.9	25.08	5.84	3.50	4.00	0.00	2.00	-do-
17.	Kesho Res. (B)	Hazaribagh	VII	11.69	16.83	2.67	2.50	3.80	0.00	0.00	-do-
18.	Panchkhoro Res. (B)	Hazaribagh	VII	9.55	16.85	4.15	2.75	2.80	0.00	1.00	-do-

Sl. No.	Name of Projects	Districts Benefitted	Plan in which started	Original cost	Latest Estimated cost	Expenditure to end of VII Plan	Anticipated expenditure during 1990-91	Utilisation Potential of VII Plan	Potential created to end of VII Plan	Anticipated Potential during 1990-91	Plan of Completion
1	2	3	4	5	6	7	8	9	10	11	12
19.	Nakti Res. (A)	Singhbhum	VII	4.14	16.99	8.42	3.00	2.82	0.00	1.00	VIII Plan.
20.	Surangl Res. (A)	Singhbhum	VII	4.60	17.55	8.64	0.60	2.15	0.00	1.00	-do-
21.	Kansjore Res. (A)	Gumla	VII	8.66	25.75	12.98	4.00	7.04	0.00	0.00	-do-
22.	Upper Sankh Res. (A)	Gumla	VII	9.19	29.22	6.86	2.00	7.11	0.00	0.00	-do-

A - Denotes projects approved by Planning Commission.

B - Denotes projects accepted by Technical Advisory Committee of Planning Commission.

Res. - Reservoir.

AP - Annual Plan.

N.A. - Not available.

Note - The main reasons for delay in completion of these projects resulting in cost escalation are change in scope and design of the project, paucity of funds, delay in land acquisition, non-availability of scarce construction materials, release of forest 1 and, inadequate investigations at the initial planning of the project and delay in rehabilitation and resettlement of project affected people.